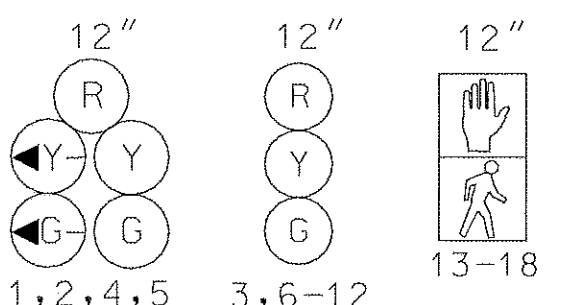


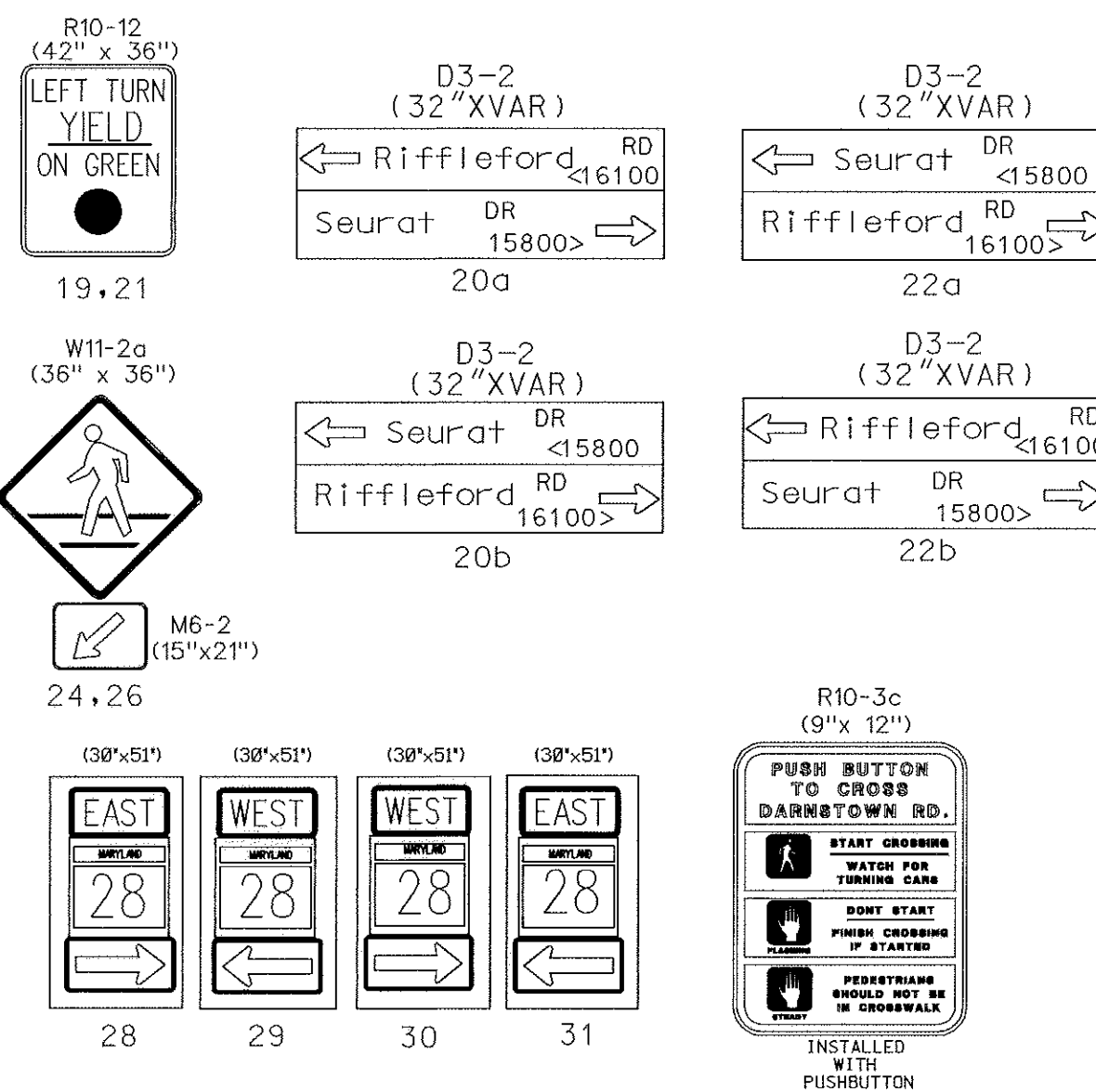
# CONSTRUCTION DETAILS

- A. Install 27 ft. steel pole with twin 60 ft. and 50 ft. mast arms, signal heads, signs, 4 in. weatherhead and 20 ft. lighting arm with a 250 watt HPS lamp and luminaire as shown. (Note: one 3 in. PVC schedule 40 conduit bend and four 2 in. x 90 in. anchor bolts).
- B. Install 27 ft. steel pole (cut to 21 ft.) with a single 30 ft. mast arm, signal heads and signs. (Note: one 2 in. PVC schedule 40 conduit bend and four 1 1/2 in. x 60 in. anchor bolts).
- C. Install 27 ft. steel pole with a single 50 ft. mast arm, signal heads, signs and 20 ft. lighting arm with a 250 watt HPS lamp and luminaire as shown. (Note: one 3 in. PVC schedule 40 conduit bend and four 1 3/4 in. x 90 in. anchor bolts).
- D. Install 10 ft. pedestal pole, signal heads and sign as shown. (Note: one 2 in. PVC schedule 40 conduit bend and four 1" x 48" anchor bolts).
- E. Install 6 ft. x 30 ft. quadrupole loop detector (2-4-2 turns) enclosed in flexible tubing.
- F. Install microloop probe set.
- G. Install handhole.
- H. Install ground mounted sign.
- J. Install 24" white preformed pavement marking tape - stop bar.
- K. Remove/Grind existing pavement marking tape and install 5" white preformed pavement marking tape.
- L. Install 1 in. galvanized steel conduit for detector wire sleeve.
- M. Install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
- N. Install base mounted controller and cabinet (Note: two 4 in. PVC schedule 40 conduit bends and two 2" schedule 40 conduit bends).
- O. Install 2" PVC schedule 40 electrical conduit - trenched.
- P. Install 3" PVC schedule 80 electrical conduit - slotted.
- Q. Install 4" PVC schedule 80 electrical conduit - slotted.
- R. Install 4" PVC schedule 40 electrical conduit - trenched.
- S. Install 3" PVC schedule 40 electrical conduit - trenched.
- T. Install 6"x22" quadrupole, loop detector (2-4-2) enclosed in flexible tubing.
- U. Install 12" white permanent preformed pavement markings.
- V. Install 2" PVC schedule 80 electrical conduit - trenched. (Distance to power pole is 250')
- W. Install 4" yellow permanent preformed pavement markings.
- Y. Install 4" PVC schedule 80 electrical conduit - slotted.
- BB. Remove existing stop sign.

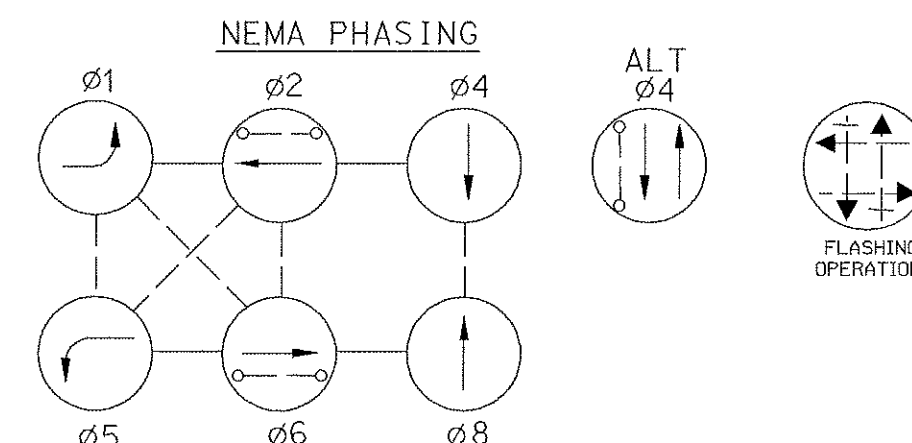
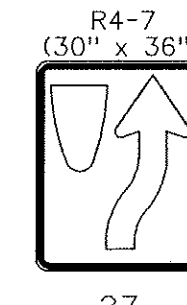
# PROPOSED SIGNALS



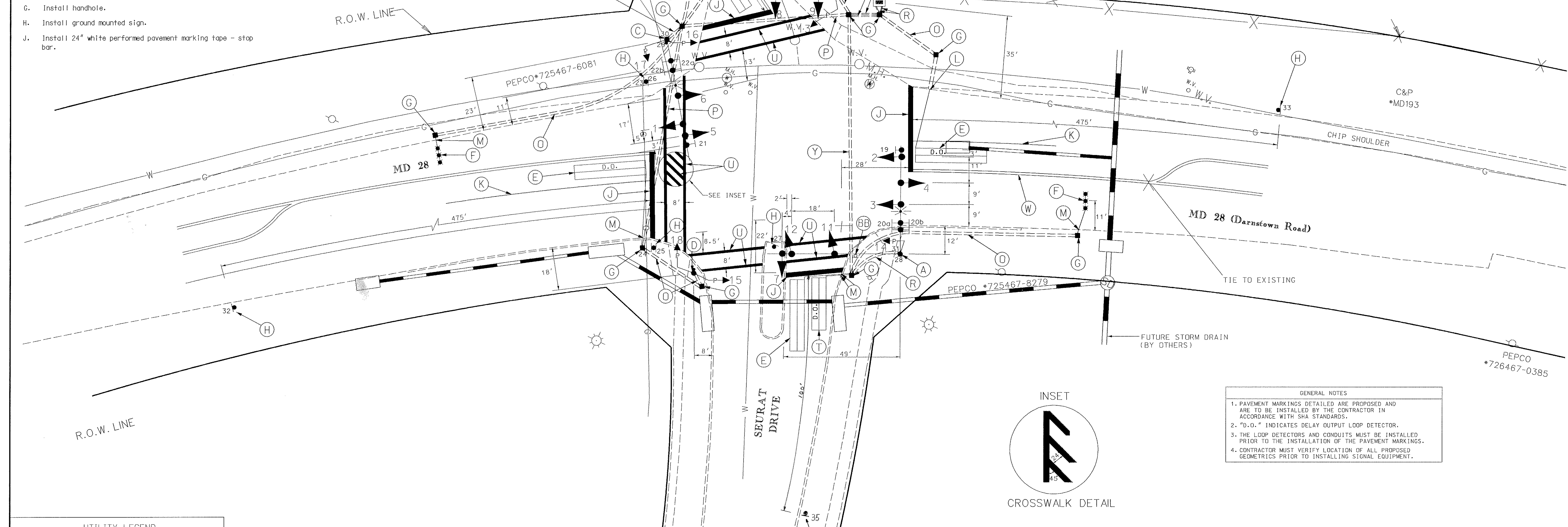
# PROPOSED SIGNS



# EXISTING SIGN



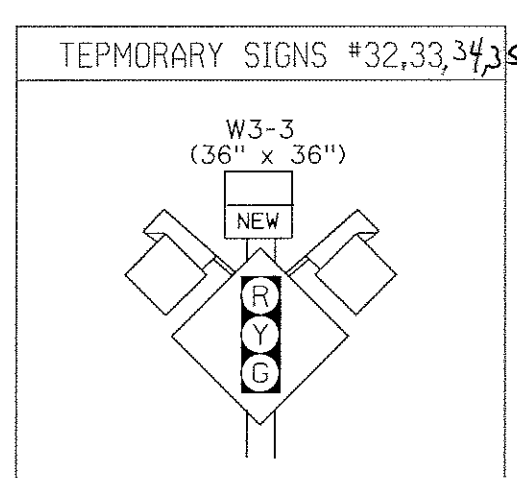
PHASING NOTES:  
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



UTILITY LEGEND	
T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN

GEOMETRIC LEGEND	
---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS



REVISIONS	APPROVALS
	ASST. DIV. CHIEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION			
Office of Traffic & Safety			
TRAFFIC ENGINEERING DESIGN DIVISION			
ORIGINAL DRAWN BY	JAMES ALLEN Jr.	MD 28 @ RIFFLEFORD ROAD/ SEURAT DRIVE	
DES. BY	S. CHERNACK/D. PETERS		
CHK. BY	M. Anderson		
DATE:	4/18/96	F.A.P. NO.	STPG-000S(301) E
SCALE:	1"=20'	S.H.A. NO.	AW-791-477-385
LOGMILE #: 15002815.21		COUNTY:	MONTGOMERY
TS/FILE NO.		SHEET NO.	1 OF 4